INDUSTRIAL COMPONENT DATA

# SACC-CI-M12FSL-4CON-L180 THR SH R 1425642 PHOENIX CONTACT Flush-type connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: 1425642**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | 1425642 |
| Catalog number | SACC-CI-M12FSL-4CON-L180 THR SH R |
| Category | Contact insert for circular connectors |
| Minimum order | 60 Pcs |
| Document ID | EO-E1047B6E6A |
| Generated | 2026-11-19 |

## Product Overview

Flush-type connector
Incorp. mount plug-in connector, Power, 4-pole, Female connection, straight, L - Power, Printed circuit board mount, THR welding connection

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

| | |
|---|---|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |

## Additional Product Information

Key Commercial Data
Orderkey 1425642
Packing unit 60 pc
Minimum order quantity 60 pc
Note Made to Order (non-returnable)
GTIN 4055626431635
Weight per Piece (excluding packing) 10.470 g
Custom tariff number 85366990
Country of origin DE (Germany)
Ambient conditions
Ambient temperature (operation) -25 °C ... 105 °C
-40 °C ... 105 °C (without mechanical actuation)
Degree of protection IP67 (correctly plugged in and locked)

General
Note The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C 16 A
Rated voltage 63 V
Rated surge voltage 1.5 kV
Number of positions 4
Standards/regulations M12 connector IEC 61076-2-111 In line with
Signal type/category Power
Overvoltage category III
Degree of pollution 3
Connection method THR solder connection
Mounting type PCB mounting
Material
Flammability rating according to UL 94 V0
Contact material CuZn
Contact surface material Au
Contact carrier material PA4T
Sealing material FKM
Cable
Standards/specifications M12 connector IEC 61076-2-111 In line with
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-111
Flammability rating according to UL 94 V0
Environmental Product Compliance
REACh SVHC Lead 7439-...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / 1425642 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.